

CLAIMS

1. Fire-insulating wall covering, comprising a cured mixture of:

- i) 5-20% by weight mineralized wood fibre;
- ii) 20-60% by weight sand with an SiO_2 content of less than 5% by weight and a greywacke content of at least 30% by weight; and
- iii) 20-50% by weight cement.

2. Wall covering as claimed in claim 1, containing 7-15% by weight, preferably 10-15% by weight mineralized wood fibre.

3. Wall covering as claimed in claim 1 or 2, containing 35-50% by weight sand.

4. Wall covering as claimed in claims 1-3, wherein the sand has an SiO_2 content smaller than 2.5% by weight, preferably smaller than 2% by weight.

5. Wall covering as claimed in claims 1-4, wherein the sand contains at least 40% by weight and preferably at least 50% by weight greywacke.

6. Wall covering as claimed in claims 1-5, containing 25-40% by weight cement.

7. Wall covering as claimed in claims 1-6, containing:

- i) 10-15% by weight mineralized wood fibre;
- ii) 35-50% by weight sand with an SiO_2 content smaller than 2% by weight and a greywacke content greater than 50% by weight; and
- iii) 25-40% by weight cement.

8. Wall covering as claimed in claims 1-7, wherein the cement is low-chromate.

9. Wall covering as claimed in claims 1-8, containing 0.1-1% by weight, preferably 0.1-0.5% by weight impregnating agent and/or 30-500 gram per m², preferably 100-250 gram per m² impregnating agent.

5 10. Method of preparing a fire-insulating wall covering as claimed in claim 1, wherein relative to the cured weight are mixed 5-20% by weight mineralized wood fibre, 30-60% by weight sand with an SiO₂ content smaller than 5% by weight and a greywacke content of at least 30% by weight, and 20-50%
10 by weight cement, and 10-30% by weight water is then added, whereafter the mixture is cured to form the fire-insulating wall covering.